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NEWS 28 Mar 20 EVENTLINE will be removed from STN
NEWS 29 Mar 24 PATDPAFULL now available on STN
NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Apr 11 Display formats in DGENE enhanced
NEWS 32 Apr 14 MEDLINE Reload
NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 36 Apr 28 RDISCLOSURE now available on STN

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0b(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'MEDLINE' ENTERED AT 08:04:00 ON 22 MAY 2000

FILE 'BIOSIS' ENTERED AT 08:04:00 ON 02 MAY 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS, INC.

FILE 'EMBASE' ENTERED AT 08:04:00 ON 02 MAY 2003
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=> s (tissue (replacement or augment?)) or prosthesis? or implant
MISSING OPERATOR 'TISSUE (REPLACEMENT)
The search profile that was entered contains terms on

=> s (tissue(w) (replacement or augment?)) or prosthesis? or implant
L1 412981 (TISSUE(W) (REPLACEMENT OR AUGMENT?)) OR PROSTHESIS? OR IMPLANT

=> s 11 and polyacrylamide#
L2 5790 L1 AND POLYACRYLAMIDE#

=> s 12 and (water or aqueous or saline)
L3 4598 L2 AND (WATER OR AQUEOUS OR SALINE)

=> s 13 and (cell?) and (engraft? or graft)

6 FILES SEARCHED...

L4 1413 L3 AND (CELL?) AND (ENGRAFT? OR GRAFT)

=> s 14 and acrylamide

L5 222 L4 AND ACRYLAMIDE

=> s 15 and (methylene bis(w)acrylamide)

L6 9 L5 AND (METHYLENE BIS(W) ACRYLAMIDE)

=> s 16 and (radical initiat?)

L7 6 L6 AND (RADICAL INITIAT?)

=> d 17 1-6 ibib abs

L7 ANSWER 1 OF 6 USPATFULL

ACCESSION NUMBER: 2003:112514 USPATFULL

TITLE: **Polyacrylamide** hydrogel for the treatment of incontinence and vesicoureteral reflux

INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003077244	A1	20030424
APPLICATION INFO.:	US 2001-938667	A1	20010827 (9)
	NUMBER	DATE	
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)	
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
LINE COUNT:	616		
AB	The present invention relates to a bio-stable hydrogel for use in the treatment and prevention of incontinence and vesicoureteral reflux. The hydrogel is obtainable by combining acrylamide and methylene bis-acrylamide in amounts to provide about 0.5 to 25% by weight polyacrylamide , based on the total weight of the hydrogel.		

L7 ANSWER 2 OF 6 USPATFULL

ACCESSION NUMBER: 2002:272435 USPATFULL

TITLE: **Polyacrylamide** hydrogel as a soft tissue filler endoprosthesis

INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002150550	A1	20021017
APPLICATION INFO.:	US 2001-938669	A1	20010827 (9)
	NUMBER	DATE	
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)	
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006		
NUMBER OF CLAIMS:	31		

EXEMPLARY CLAIM:

1

LINE COUNT:

693

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hydrogel is obtained by combining **acrylamide** and methylene based-**acrylamide**, **radical initiation** and washing with pyrogen-free water or saline solution to give less than 3.5% by weight **polyacrylamide**, based on the total weight of the hydrogel. The hydrogel may be used as a soft tissue filler endoprosthesis. Also disclosed is a method of filling a soft tissue in a mammal using the endoprosthesis, and a **prosthetic** device comprising the **polyacrylamide** hydrogel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 6 USPATFULL

ACCESSION NUMBER: 2002:126002 USPATFULL

TITLE: **Polyacrylamide** hydrogel and its use as an endoprosthesis

INVENTOR(S): Petersen, Jens, Birkerod, DENMARK
Schmidt, Richard, Vedbaek, DENMARK
Lessel, Robert, Brondby, DENMARK
Sorensen, Jens Eric, Hellerup, DENMARK

NUMBER KIND DATE

PATENT INFORMATION: US 2002064512 A1 20020530

APPLICATION INFO.: US 2001-938670 A1 20010827 (9)

NUMBER DATE

PRIORITY INFORMATION: US 2000-228081P 20000825 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006

NUMBER OF CLAIMS: 40

EXEMPLARY CLAIM: 1

LINE COUNT: 1058

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A biocompatible hydrogel comprises a specified content of **polyacrylamide** and pyrogen-free water. Also disclosed is a method of making the hydrogel and an injectable or implantable endoprosthesis. The hydrogel may also be used to treat a cosmetic or functional defect. Hydrogels specified according to their **polyacrylamide** content may be used for medical indications, such as an implantable or injectable endoprostheses for mammoplasty reconstruction, implantable or injectable endoprostheses for treating (reflux) oesophagitis, and for body contouring of various body parts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 6 USPATFULL

ACCESSION NUMBER: 88:80610 USPATFULL

TITLE: Polyionene transformed modified polysaccharide supports
INVENTOR(S): Hou, Kenneth C., S. Glastonbury, CT, United States
Hou, Chung-Jen, South Windsor, CT, United States

PATENT ASSIGNEE(S): Chen, Haunn-Lin, Vernon, CT, United States

Cuno Incorporated, Meriden, CT, United States (U.S.
corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 4791063 19881213
APPLICATION INFO.: US 1985-758064 19850723 (6)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1984-576448, filed on 2 Feb 1984, now patented, Pat. No. US 4663163 which is a continuation-in-part of Ser. No. US 1983-466114, filed on 14 Feb 1983, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Rosen, Sam
LEGAL REPRESENTATIVE: Weingram & Zall
NUMBER OF CLAIMS: 55
EXEMPLARY CLAIM: 1,21,50
NUMBER OF DRAWINGS: 20 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 3261

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polyionene-transformed modified polymer-polysaccharide separation matrix and use thereof in removing contaminants of microorganism origin from biological liquids are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 6 USPATFULL
ACCESSION NUMBER: 87:58634 USPATFULL
TITLE: Modified polypeptide supports
INVENTOR(S): Hou, Kenneth C., S. Glastonbury, CT, United States
Liao, Tung-Ping D., Vernon, CT, United States
PATENT ASSIGNEE(S): Cuno Incorporated, Meriden, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4687820		19870818
APPLICATION INFO.:	US 1986-857513		19860422 (6)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1984-643212, filed on 22 Aug 1984, now abandoned which is a continuation-in-part of Ser. No. US 1984-576448, filed on 2 Feb 1984 which is a continuation-in-part of Ser. No. US 1983-466114, filed on 14 Feb 1983, now abandoned		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Kight, John
ASSISTANT EXAMINER: Nutter, Nathan M.
LEGAL REPRESENTATIVE: Zall, Michael E., Fox, Samuel L., Goldstein, Jorge A.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 1482

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A modified polypeptide material comprising an insoluble polypeptide carrier and synthetic polymer, the synthetic polymer made from (a) a polymerizable compound which has a chemical group capable of covalent coupling to the insoluble polypeptide carrier and (b) one or more polymerizable compounds containing an ionizable chemical group, a chemical group capable of transformation to an ionizable chemical group, a group capable of causing the covalent coupling of the synthetic polymer to an affinity ligand or a biologically active molecule, or a hydrophobic chemical group. The synthetic polymer is covalently bonded to the insoluble polypeptide carrier.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 6 USPATFULL

ACCESSION NUMBER: 87:32077 USPATFULL
TITLE: Modified polysaccharide supports
INVENTOR(S): Hou, Kenneth C., 14 Hunting Ridge Rd., S. Glastonbury,
CT, United States 06073
Liao, Tung-Ping D., 109 Vernwood Dr., Vernon, CT,
United States 06066

NUMBER KIND DATE

PATENT INFORMATION: US 4663163 19870505
APPLICATION INFO.: US 1984-576448 19840202 (6)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1983-466114, filed
on 14 Feb 1983, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Rosen, Sam
LEGAL REPRESENTATIVE: Zall, Michael E., Goldstein, Jorge, Fox, Sam
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1,2,15,22
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 1950

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A modified polysaccharide material which comprises: (1) polysaccharide covalently bonded to a synthetic polymer; (2) the synthetic polymer being made from (a) a polymerizable compound which is capable of being covalently coupled directly or indirectly to said polysaccharide, and (b) one or more polymerizable compounds containing (i) an ionizable chemical group, (ii) a chemical group capable of transformation to an ionizable chemical group, (iii) a chemical group capable of causing the covalent coupling of the compound (b) to an affinity ligand or a biologically active molecule or (iv) a hydrophobic compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0b(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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L1 412981 (TISSUE(W) (REPLACEMENT OR AUGMENT?)) OR PROSTHE? OR IMPLANT

L2 5790 L1 AND POLYACRYLAMIDE#

=> s 12 and (water or aqueous or saline)
L3 4598 L2 AND (WATER OR AQUEOUS OR SALINE)

=> s 13 and (cell?) and (engraft? or graft)

6 FILES SEARCHED...

L4 1413 L3 AND (CELL?) AND (ENGRAFT? OR GRAFT)

=> s 14 and acrylamide

L5 222 L4 AND ACRYLAMIDE

=> s 15 and (methylene bis(w)acrylamide)

L6 9 L5 AND (METHYLENE BIS(W) ACRYLAMIDE)

=> s 16 and (radical initiat?)

L7 6 L6 AND (RADICAL INITIAT?)

=> d 17 1-6 ibib abs

L7 ANSWER 1 OF 6 USPATFULL
 ACCESSION NUMBER: 2003:112514 USPATFULL
 TITLE: **Polyacrylamide** hydrogel for the treatment of incontinence and vesicoureteral reflux
 INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003077244	A1	20030424
APPLICATION INFO.:	US 2001-938667	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	616	
AB	The present invention relates to a bio-stable hydrogel for use in the treatment and prevention of incontinence and vesicoureteral reflux. The hydrogel is obtainable by combining acrylamide and methylene bis-acrylamide in amounts to provide about 0.5 to 25% by weight polyacrylamide , based on the total weight of the hydrogel.	

L7 ANSWER 2 OF 6 USPATFULL
 ACCESSION NUMBER: 2002:272435 USPATFULL
 TITLE: **Polyacrylamide** hydrogel as a soft tissue filler endoprosthesis
 INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002150550	A1	20021017
APPLICATION INFO.:	US 2001-938669	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	31	

EXEMPLARY CLAIM: 1
LINE COUNT: 693

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hydrogel is obtained by combining **acrylamide** and methylene based-**acrylamide**, **radical initiation** and washing with pyrogen-free **water** or **saline** solution to give less than 3.5% by weight **polyacrylamide**, based on the total weight of the hydrogel. The hydrogel may be used as a soft tissue filler endoprosthesis. Also disclosed is a method of filling a soft tissue in a mammal using the endoprosthesis, and a **prosthetic** device comprising the **polyacrylamide** hydrogel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 6 USPATFULL

ACCESSION NUMBER: 2002:126002 USPATFULL

TITLE: **Polyacrylamide** hydrogel and its use as an endoprosthesis

INVENTOR(S): Petersen, Jens, Birkerod, DENMARK
Schmidt, Richard, Vedbaek, DENMARK
Lessel, Robert, Brondby, DENMARK
Sorensen, Jens Eric, Hellerup, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002064512	A1	20020530
APPLICATION INFO.:	US 2001-938670	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	40	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1058	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A biocompatible hydrogel comprises a specified content of **polyacrylamide** and pyrogen-free **water**. Also disclosed is a method of making the hydrogel and an injectable or implantable endoprosthesis. The hydrogel may also be used to treat a cosmetic or functional defect. Hydrogels specified according to their **polyacrylamide** content may be used for medical indications, such as an implantable or injectable endoprostheses for mammoplasty reconstruction, implantable or injectable endoprostheses for treating (reflux) oesophagitis, and for body contouring of various body parts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 6 USPATFULL

ACCESSION NUMBER: 88:80610 USPATFULL

TITLE: Polyionene transformed modified polysaccharide supports

INVENTOR(S): Hou, Kenneth C., S. Glastonbury, CT, United States
Hou, Chung-Jen, South Windsor, CT, United States
Chen, Haunn-Lin, Vernon, CT, United States

PATENT ASSIGNEE(S): Cuno Incorporated, Meriden, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION: US 4791063 19881213
APPLICATION INFO.: US 1985-758064 19850723 (6)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1984-576448, filed on 2 Feb 1984, now patented, Pat. No. US 4663163 which is a continuation-in-part of Ser. No. US 1983-466114, filed on 14 Feb 1983, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Rosen, Sam
LEGAL REPRESENTATIVE: Weingram & Zall
NUMBER OF CLAIMS: 55
EXEMPLARY CLAIM: 1,21,50
NUMBER OF DRAWINGS: 20 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 3261

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polyionene-transformed modified polymer-polysaccharide separation matrix and use thereof in removing contaminants of microorganism origin from biological liquids are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 6 USPATFULL
ACCESSION NUMBER: 87:58634 USPATFULL
TITLE: Modified polypeptide supports
INVENTOR(S): Hou, Kenneth C., S. Glastonbury, CT, United States
Liao, Tung-Ping D., Vernon, CT, United States
PATENT ASSIGNEE(S): Cuno Incorporated, Meriden, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4687820		19870818
APPLICATION INFO.:	US 1986-857513		19860422 (6)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1984-643212, filed on 22 Aug 1984, now abandoned which is a continuation-in-part of Ser. No. US 1984-576448, filed on 2 Feb 1984 which is a continuation-in-part of Ser. No. US 1983-466114, filed on 14 Feb 1983, now abandoned		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Kight, John
ASSISTANT EXAMINER: Nutter, Nathan M.
LEGAL REPRESENTATIVE: Zall, Michael E., Fox, Samuel L., Goldstein, Jorge A.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 1482

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A modified polypeptide material comprising an insoluble polypeptide carrier and synthetic polymer, the synthetic polymer made from (a) a polymerizable compound which has a chemical group capable of covalent coupling to the insoluble polypeptide carrier and (b) one or more polymerizable compounds containing an ionizable chemical group, a chemical group capable of transformation to an ionizable chemical group, a group capable of causing the covalent coupling of the synthetic polymer to an affinity ligand or a biologically active molecule, or a hydrophobic chemical group. The synthetic polymer is covalently bonded to the insoluble polypeptide carrier.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 6 USPATFULL

ACCESSION NUMBER: 87:32077 USPATFULL
TITLE: Modified polysaccharide supports
INVENTOR(S): Hou, Kenneth C., 14 Hunting Ridge Rd., S. Glastonbury,
CT, United States 06073
Liao, Tung-Ping D., 109 Vernwood Dr., Vernon, CT,
United States 06066

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4663163		19870505
APPLICATION INFO.:	US 1984-576448		19840202 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1983-466114, filed on 14 Feb 1983, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rosen, Sam		
LEGAL REPRESENTATIVE:	Zall, Michael E., Goldstein, Jorge, Fox, Sam		
NUMBER OF CLAIMS:	26		
EXEMPLARY CLAIM:	1,2,15,22		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	1950		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A modified polysaccharide material which comprises: (1) polysaccharide covalently bonded to a synthetic polymer; (2) the synthetic polymer being made from (a) a polymerizable compound which is capable of being covalently coupled directly or indirectly to said polysaccharide, and (b) one or more polymerizable compounds containing (i) an ionizable chemical group, (ii) a chemical group capable of transformation to an ionizable chemical group, (iii) a chemical group capable of causing the covalent coupling of the compound (b) to an affinity ligand or a biologically active molecule or (iv) a hydrophobic compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 1 OF 6 USPATFULL
ACCESSION NUMBER: 2003:112514 USPATFULL
TITLE: **Polyacrylamide** hydrogel for the treatment of
incontinence and vesicoureteral reflux
INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003077244	A1	20030424
APPLICATION INFO.:	US 2001-938667	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
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NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	616	
AB	The present invention relates to a bio-stable hydrogel for use in the treatment and prevention of incontinence and vesicoureteral reflux. The hydrogel is obtainable by combining acrylamide and methylene bis-acrylamide in amounts to provide about 0.5 to 25% by weight polyacrylamide , based on the total weight of the hydrogel.	